

Department of Energy Announces \$3.5 Million for U.S.-Japan Cooperative Research in High Energy Physics

Principal Investigator	Title	Institution	City	State	9-digit zip code
Emilio Nanni	Efficient and Cost-Effective High-Gradient Normal Conducting Accelerators	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015
Taku Izubuchi	Incubation Platform for Intensity Frontier	Brookhaven National Laboratory	Upton	NY	11973-5000
Kiyomi Seiya	Machine Learning for Linac Operations and Improved Performance	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Kavin Ammigan	Advanced Material Studies for High Intensity Proton Production Targets and Windows	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Martin Breidenbach	Sensor Development for Future e+e- Colliders	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015
Emanuela Barzi	High heat capacity and radiation-resistant organic resins for impregnation of high field superconducting magnets	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
John Power	Development of a damping-ring-free electron injector for Future Linear Colliders	Argonne National Laboratory	Lemont	IL	60439-4803
Sergey Belomestnykh	Advanced Accelerator Technology	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Gabriele Giacomini	JFETs for low-noise front-ends	Brookhaven National Laboratory	Upton	NY	11973-5000
Jeffrey Scott Eldred	Accelerator and Beamline Research and Technology Development for High-Power Neutrino Beams	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Artur Apresyan	Development of precision timing silicon detectors for future high energy collider experiments	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Elizabeth Worcester	KOTO: Search for Rare Neutral-Kaon Decays at J-PARC	Brookhaven National Laboratory	Upton	NY	11973-5000
Tengming Shen	A Collaboration Framework To Advance High-Temperature Superconducting Magnets For Accelerator Facilities	Lawrence Berkeley National Laboratory	Berkeley	CA	94720-8099
Brett Parker	Magnetic center vibration measurement R&D for the SuperKEKB IR Quadrupoles with nanometer sensitivity	Brookhaven National Laboratory	Upton	NY	11973-5000
Brett Parker	Development and Study of Superconducting Magnet Upgrades for SuperKEKB	Brookhaven National Laboratory	Upton	NY	11973-5000
Marc ROSS	Joining the commissioning of LCLS-II	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015
Tsuyoshi Tajima	Development of a High-Efficiency/Gradient Superconducting Cavity using MgB2	Los Alamos National Laboratory	Los Alamos	NM	87544-0600
Akito Kusaka	Next Generation of Superconducting Devices for Photon and Particle Sensing: Universal Detector and Readout Systems for Large-Format Arrays	Lawrence Berkeley National Laboratory	Berkeley	CA	94720-8099
Christian W. Bauer	Optimization of HEP Quantum Algorithms	Lawrence Berkeley National Laboratory	Berkeley	CA	94720-8099
John Seeman	R&D for SuperKEKB and the Next Generation High Luminosity Colliders	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015
Vladimir Nagaslaev	Developments in Slow Extraction for Higher Intensity Beams	Fermi National Accelerator Laboratory	Batavia	IL	60510-5011
Marc Ross	Superconducting RF Cavity Processing Development	SLAC National Accelerator Laboratory	Menlo Park	CA	94025-7015
Hisato Yamaguchi	Overcoming quantum efficiency-lifetime limit of photocathodes for accelerator beam source by integration of atomically thin protecting layers	Los Alamos National Laboratory	Los Alamos	NM	87544-0600